

ABSTRACTxDSL CLASS C-AB DRIVER

5                   The present invention is related to a line driver for amplifying an input signal, said line driver comprising :

- a non-linear amplifier (3) arranged to provide a first output signal amplifying said input signal
- 10 - an analogue linear amplifier (5) providing a second output signal based on the difference between the input signal and the first output signal, placed in parallel with said non-linear amplifier and being dependent thereon, and
- 15 - combining means arranged to combine said first output signal and said second output signal to provide a total output signal to an output line (7).

(Figure 2)